

My lifelong personal inquiry concerned with a nature of the reality started with the cosmology and physics, later involved chemistry, but at one moment I realized that I must include anthropology as well because the two, a knowledge about the Universe and a knowledge of our human specie, is mutually interwoven in such an extent that it is not possible to explain one without explaining the other - synchronously.

Human eyes evolved to constantly admire the Creation. You can actually see the formation of the Universe in your own eyes: black middle resembles the primordial hot plasma stage, when photons couldn't yet travel around, while colourful surroundings depict the Cosmos itself. We are the walking witnesses of the spectacle. Although, not contemporary but subsequent.

There could be entities that witnessed the birth with much shorter delay.

There could exist... beings purely made of an energy that witnessed the cradle as it happened. Transcended ones, guardians of the Truth, relieved from any suffering, immortal, Angels, able to be reached exclusively at the highest, utmostly spiritual levels of the consciousness.

In order to get an impression of the "human to Universe" ratio I decided to display both chronologies on the same timeline.

Possibilities are limitless... Dwell deep and choose wisely.

Age of the Universe - 13.8 billion years

Inflation - 10^{-32} s

or

Planck epoch - 10^{-43} s

For a comparison, blink of human eye lasts 10^{-1} s.

Cosmic neutrino background (CNB) - 1 s (relic radiation, primordial black holes)

Early Universe - first 370.000 years (initial particle formation and first nucleosynthesis, recombination, decoupling, CMB image emerged)

Dark matter - first 200 million years

Primordial stars and galaxies form - 200 to 500 million years

Cosmic dark era - first 1 billion years (reionization)

HD 140283 (Methuselah star) - 13.7 billion years

Milky Way - 13.6 billion years

Andromeda galaxy - 10 billion years

Solar System, Sun - 4.6 billion years

Earth - 4.54 billion years

Life - 4 billion years (single cell Eukaryotes and Prokaryotes)

Cyanobacteria (photosynthesis) - 3.5 billion years (the first known oxygen producing organisms)

Green algae - 850 million years

Animals (multicellular sponge) - fossils 700 million years

Cambrian explosion - 530 million years ago

Plants (land) - 460 million years

Mammals - 300 million years

Primates - 90 million years

Homo habilis ("handy man") - 2.5 million years

Homo erectus ("standing man") - 2 million years

Homo sapiens ("wise man") - 300 thousand years

Migration from Africa - 50,000 to 100,000 years

Neolithic revolution - 10.000 BCE

Emergence of Sumerian, Egyptian, Iranian, Peruvian, Mesoamerican, Minoan, South Asian and Chinese cultures - 5.000 to 3.000 BCE

Oldest writings (Kish tablet) - Sumerian Uruk, Mesopotamia; 3500 years BCE.
Not yet decrypted

Phaistos Disc (Minoan claywork) - 14th century BCE

Rigveda - 1500 to 1200 years BCE

Solomon`s Temple (First Temple) - 957. BCE

Tao Te Ching (Laozi) - 6th to 4th century BCE

Aṣṭādhyāyī (Panini) - 500 BCE

Dead Sea Scrolls - 3rd century BCE to 1st century CE

Birth of the Jesus Christ - 6 to 4 years BCE

Crucifixion of the Jesus Christ - 30. to 33. CE

Quran - 610. to 632. CE

Christopher Columbus first voyage - 1492. to 1493. CE

Voynich manuscript - material dates back to the 15th century CE but it could have been written later. It is not yet decrypted too.

Tycho Brahe observed a Supernova Type Ia (SN 1572) - 1572. CE

First telescope (Galileo Galilei) - 1609. CE

"Philosophiæ Naturalis Principia Mathematica" (Isaac Newton) - 1687. CE

United States Declaration of Independence - 1776. CE

Invention of a vaccine (Edward Jenner) - 1796. to 1798. CE

Switzerland (Confoederatio Helvetica) - 1848. CE

"A Treatise on Electricity and Magnetism" (James Clerk Maxwell) - 1873. CE

Electron discovery (J.J. Thomson) - 1897. CE

Special theory of relativity (Albert Einstein) - 1905.

General theory of relativity (Albert Einstein) - 1916.

Salvador Dali "The Persistence of Memory" - 1931. CE

"On Computable Numbers" (Alan Turing) - 1936. CE

United Nations - 1945. CE

Nuremberg trials - 1945. to 1946. CE

Apollo 11 first human crew Moon landing - 1969. CE

USSR first (no human crew) lunar soil sample return using the Luna 16 probe
- 1970.

Calendar used is Gregorian with Dionysius Exiguus dating birth of the Christ
as reference point. Abbreviations BC (Before Christ) and AD (Anno Domini)
are replaced with BCE / CE (Before Common Era / Common Era).

(graphical timeline coming)